WEST

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Search Results -

Terms	Documents
'met glu leu lys ser leu gly' or melkslg$	0

Database: US Patents Full-Text Database; US Pre-Grant Publication Full-Text Database; JPO Abstracts Database; EPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

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Search History

Today's Date: 6/1/2001

DB Name	Query	Hit Count	Set Name
JPAB,EPAB,DWPI	'met glu leu lys ser leu gly' or melkslg$	0	L14
JPAB,EPAB,DWPI	'met thr ser ser gln gln arg val glu' or mtssqqrve$	0	L13
JPAB,EPAB,DWPI	l10 and l11	93	L12
JPAB,EPAB,DWPI	erwinia	760	L11
JPAB,EPAB,DWPI	harpin or 'hypersensitive response' or 'HR'	243123	L10
USPT	l8 not l4	27	L9
USPT	l7 same l2	42	L8
USPT	'hypersensitive response' or 'HR'	93578	L7
USPT	'met thr ser ser gln gln arg val glu' or mtssqqrve$	1	L6
USPT	'met glu leu lys ser leu gly' or melkslg$	1	L5
USPT	l1 same l2	20	L4
USPT	l1 same l2	20	L3
USPT	erwinia	1892	L2
USPT	harpin	52	L1

(FILE 'HOME' ENTERED AT 13:58:05 ON 01 JUN 2001)

FILE 'REGISTRY' ENTERED AT 13:58:18 ON 01 JUN 2001
E MELKSLG/SQEP
L1 0 S E4
L2 2 S MELKSLG/SQSP
E MTSSQQRVE/SQEP
L3 1 S MTSSQQRVE/SQSP

FILE 'CA' ENTERED AT 14:01:23 ON 01 JUN 2001
L4 6 S L2
L5 5 S L3

=> e melkslg/sqep

E1 1 MELKSDLIFTDTIYSEIIISKNLSKKDLKIEYSNLYTEILLRQKDGSLIEALRPNSNFFDQYDIES
IKNTGIKFKPMVIKYHLTEDALYKISSFN/SQEP
E2 1 MELKSIKDAFDRVATKQKLSYSKTNEIVHMLSQEIDKALSILEETPSSDTMLLDHRSILADV
KKVFMEIAPITQLEATEKELHAALTKYPKVLEKQLNPDISKAYRHNVEFDTHIVNQIINFFY
RQGMFDIGDCFVAETGESECSTRQSFVEMYRILEAMKRRDLEPALNWAVSNSDKLKEA
RSDLEMKLHSLHFLEIA/SQEP
E3 0 --> MELKSLG/SQEP
E4 2 MELKSLGTEHKAAVHTAAHNPVGHGVALQQGSSSSSPQNAAASLAAEGKNRGKMPRIH
QPSTAADGISAAHQQKKSFSLRGCLGTKKFSRSAPQGQPGTTHSKGATLRDLLARDDG
ETQHEAAAPDAARLTRSGGVKRRNMDDMAGRPMVKGGSGEDKVPTQQKRHQLNN
FGQMRQTMLSKMAHPASANAGDRLQHSPPH/SQEP
E5 1 MELKSLLAVYLPLCAAPLAAARPASNAVFIVGGSPAAAGEFPFIVSTLLNGRHWCGGVLL
NANTVLTAAHCVESTPAISQVRAGSLAHASGGVVANISSITPHPKYEGLGYDMAILKLST
PIEANGTIVRHIARGSDPVGGADATVAGWGDLEYAGQAPEELQKVTVPVVDRATCSAAYQ
AIPNMPNITDAMFCAGLKEG/SQEP
E6 1 MELKSMDPVEMPIFGSTLKLMKFWSYLFVHNWRRYVAMTPYIIINCTQYVDIYLSTESLD
FIIRNVYLAVLFTNTVVRGVLLCVQRFSYERFINILKSFYIELLQSDDPIINILVKETTR
LSVLISRINLLMGCCTCIGFVTYPIFGSERVLPYGMYLPTIDEYKYASPYYEIFFVIQAI
MAPMGCCMYIPYTNMVVTFT/SQEP
E7 1 MELKSPEEEVVAALPEGMRPDSNLYGFPWELVICAAVVGFFAVLFFLWRSF'AAA'SVRS
RLYVGR/SQEP
E8 1 MELKSPEEEVVAALPEGMRPDSNLYGFPWELVICAAVVGFFAVLFFLWRSF'AAA'SVRS
RLYVGRG/SQEP
E9 1 MELKSSKTDVHGGSVFMFDRKVLRYFRKDGHNWRKKKDGKTVKEAHERLKAGSVDV
LHCYYAHGQDNENFQRRSYWLLQEELSHIVFVHYLEVKGSRVSTSFNRMQRTEDAAR
SPQETGDALTSEHDGYASCSFNQNDHSNHSQTTDSASVNGFHSPELEDAESAYNQHGSS
TAYSHQELQQPATGGNLTGFDPYYQISL/SQEP
E10 1 MELKSSSNNNILEQLRNGFARFELVSSPTASVSDSISSTSLPASFISTTKGNSYVFFARI
NSSMNRSPAAKKVEKYAVDRVKGDGRCLFRALVKGMAFNKGITLNPQRERDDADELRMAV
KEVIC/SQEP
E11 2 MELKTEEEEVGGVQPVSIQAFASSSTLHGLAHIFSYERLSLKRALWALCFLGSLAVLLCV
CTERVQYYFCYHHVTKLDEVAASQLTFPAVTLCNLNEFRFSQVSKNDLYHAGELLALLNN
RYEIPDTQMADEKQLEILQDKANFRSFKPKPFNMREFYDRAGHDIRDMLLSCHFRGEACS
AEDFKVVFTRYGKCYTFNSG/SQEP
E12 1 MELKTEEEEVGGVQPVSIQAFASSSTLHGLAHIFSYERLSLKRALWALCFLGSLAVLLCV
CTERVQYYFCYHHVTKLDEVAASQLTFPAVTLCNLNEFRFSQVSKNDLYHAGELLALLNN
RYEIPDTQVADEKQLEILQDKANFRSFKPKPFNMREFYDRAGHDTRDMLLSCHFRGEACS
AEDFKVVFTRYGKCYTFNSG/SQEP

=> e mtssqqrve/sqep

E1 1 MTSSQPAGWTAAELAQAAARGQLDLHYQPLVDLRDHRTVGAEALMRWRHPRLGLLP
PGQFLPLAESFGLMPEIGAWVLGEACRQMHKWQGPAWQPFRLAINVSASQVGPTFDDE
VKRVLADMALPAELLEIELTESVAFQNPALFASFDALRAIGVRFAADDFGTGYSS

E2 1 QHLKCCPITTLKIDQSFVARLPDDARDQTI/SQEP
MTSSQPTPDSAAQPKANSAASLKKALGECLIKDRFRFSKRIDGASKIKNESARNAVFDEI
ALDIAQSMMVVEQRKQQMPKIEYPALLPVSQKRDDIAQAIAHHQVVIVAGETGSGKTTQL
PKICAELGRGKYGLIGHTQPRRLAARSVANRIAEEMETELGGFVGYKVRFTDQISDQTQI
KLMTDGILLAEIQNDRFLNQ/SQEP
E3 0 --> MTSSQQRVE/SQEP
E4 1 MTSSQQRVERFLQYFSAGCKTPIHLKDGVCALYNEQDEEAAVLEVPQHSDSLLLHCRIIE
ADPQTSITLYSMLLQLNFEMAAMRGCWLALDELHNVRLCFQQSLEHLDEASFSDIVSGFI
EHAAEVREYIAQLDESSAA/SQEP
E5 1 MTSSQQYVDIYSFTSEENRRFARSNFTKLVHTNARFEGINTTLPQTQTIMDGMSVAGVPV
EDVLTIVNLKRGWQYVTTETAEMTLDIEKAINKIVAAEDALVPGELRQGQGGVNLGDEEF
FEPPLINQQEEQTFLQKTLTNSHTTTTDKALTIMYHNMRQQIFWDGNKRTATLSANKIMI
DGGAGLINVPLDKWAKWNEL/SQEP
E6 1 MTSSQVKTKPFDSWSYSEMEKEFPELIRSVGLLTVAADSISTNGSEAVTEEVSQVSLSVD
DKGGCEEDNASAVEEQPGLTLGVSSSSGEALTNAVQPSSETVQQESSSSSHHDAKNQQPV
PCENATPKRTIRDCFNYNEDSPTQPTLPKRGLFLKEETFKNDLKGNGGKRQMVDLKPEMS
RSTPSLVDPPDRSKLCLVLQ/SQEP
E7 1 MTSSQYEDDVERAVDEAILYLGKTCCEKKTCDGMDAWIFDIDDTLLSTIPYHKSNGCFGG
EQLNTTKFEEWQNSGKAPAVPHMVKLYHEIRERGFKIFLISSRKEYLRSATVENLIEAGY
HSWSNLLLRGEDDEKKSVSQYKADLRTWLTSLGYRVWGVMGAQWNSFSGCPVPKRT
FKLPNSIYYVA/SQEP
E8 1 MTSSRGAPFSALTHLTACRILLADFNLQEEASIPEDIFDQHDGDIGDEDIESAHIQYAPS
AAAATDVEVETEDDVDDDDDVRLLEEDDDASDAADIILESQRPTSRNFSVYLDAKKYQNS
NNKKRSKEQKKNNISHHNYKLKNNKENNHHRLAKEAAAGKSEIETVLGGGTKFTSGDEQP
QLEDREQVEHEENANFGRQS/SQEP
E9 1 MTSSRIGTHTTPA/SQEP
E10 1 MTSSRKVRPTKHIFVTGGVVSSLGKGLTAASLGQLLIARGLSVTMQKLDPYLNVDPGTMN
PFEHGEVFVTEDGAETDLDLGHYERFLDRNLGLNANVTTGKVYSTVIAKERRGEYLGKTV
QVIPHITDEIKARILSMGEPDAHGNAPDVVISEVGGTVGDIESQPFLEAARQVRHEIGRE
NCFFIHCSLVPYLATSGELK/SQEP
E11 1 MTSSRLCEIMNYQVAVKAE'AAA'AVVKVELLARVEAELVTSERNRECGISVLALGVQQF
AFRACHTISVKLEAENNAHFFSIITKIDIAGLIQMAHFELTFGFGILISNTICEKLELQS
VLLKNSDRLINRDGRLCDWHGRDCGDPWIGSTEYKLEEMDNHNEEPNIAPEPNRWYNITL
GPSLLNNNHSYSPKFCTLRY/SQEP
E12 1 MTSSRLWFSLLLAAAFAGRATALWPWPQNFQTSDQRYVLYPNNFQFQYDVSSAAQ
PGCSVLDEAFQRYRDLLFGSGSWPRPYLTGKRHTLEKNVLVVSVVTPGCNQLPTLESV
ENYTLTINDDQCLLLSETVWGALRGLETFSQLVWKSAEGTFFINKTEIEDFPRFPHRGLLL
DTSRHYLPLSSILDTLDVMAYNKLNV/SQEP

L4 ANSWER 1 OF 6 CA COPYRIGHT 2001 ACS
TI Methods of imparting stress resistance to plants with hypersensitive response elicitor proteins derived from fungal and bacterial pathogens
PY 2000 2000

L4 ANSWER 2 OF 6 CA COPYRIGHT 2001 ACS
TI Sequences encoding fragments of microbial hypersensitive response elicitor proteins which are active but do not elicit a hypersensitive response, and their applications in plant genetic engineering
PY 2000 2000 2000

L4 ANSWER 3 OF 6 CA COPYRIGHT 2001 ACS
TI Recombinant constructs and systems for secretion of proteins via type III secretion systems
PY 2000 2000 2000

L4 ANSWER 4 OF 6 CA COPYRIGHT 2001 ACS
TI Hypersensitive response elicitor from Erwinia amylovora and its use for plant genetic engineering
PY 1999 2001 1999 2001 2000 2000 2000

L4 ANSWER 5 OF 6 CA COPYRIGHT 2001 ACS
TI Homology and functional similarity of an hrp-linked pathogenicity locus, dspEF, of Erwinia amylovora and the avirulence locus avrE of Pseudomonas syringae pathovar tomato
PY 1998

L4 ANSWER 6 OF 6 CA COPYRIGHT 2001 ACS
TI DspA, an essential pathogenicity factor of Erwinia amylovora showing homology with AvrE of Pseudomonas syringae, is secreted via the Hrp secretion pathway in a DspB-dependent way
PY 1997

L4 ANSWER 6 OF 6 CA COPYRIGHT 2001 ACS
AN 128:112730 CA
TI DspA, an essential pathogenicity factor of Erwinia amylovora showing homology with AvrE of Pseudomonas syringae, is secreted via the Hrp secretion pathway in a DspB-dependent way
AU Gaudriault, S.; Malandrin, L.; Paulin, J.-P.; Barny, M.-A.
CS Laboratoire de pathologie vegetale INA-PG/INRA, Paris, 75231, Fr.
SO Mol. Microbiol. (1997), 26(5), 1057-1069
CODEN: MOMIEE; ISSN: 0950-382X
PB Blackwell Science Ltd. DT Journal LA English
AB In Erwinia amylovora, the dsp region, required for pathogenicity on the host plant but not for hypersensitive elicitation on tobacco, is sepd. from the hrp region by 4 kb. The genetic anal. reported in this paper showed that this 4 kb region is not required for pathogenicity on pear seedlings. The environmental conditions allowing expression of a dsp::lacZ fusion were examd.: expression was barely detected in rich medium at 30.degree.C, and the highest expression was obsd. in M9 galactose minimal medium at 25.degree.C. A dsp::uidA fusion appeared to be expressed only in a HrpL-proficient strain, indicating that the dsp region, like the hrp region, is pos. controlled via the alternative .sigma. factor HrpL. Sequence anal. revealed that the dsp cluster encodes two genes, dspA (5517 bp) and dspB (420 bp), and that the insertions leading to the dsp::lacZ and the dsp::uidA fusions were within dspA. A HrpL-dependent promoter sequence (GGAACC-N15-CAACA) was identified upstream of dspA, and primer extension anal. detected four transcriptional starts 7, 8, 9 and 10 bp downstream of this sequence. A .sigma.70 promoter sequence (TTGCCC-N16-GATAAT) was obsd. upstream of dspB. The functionality of this second promoter was confirmed by complementation anal. This promoter allowed constitutive expression of dspB, as measured by the expression of a dspB::uidA fusion in rich medium. In M9 galactose medium, however, HrpL was shown to activate dspB, as expression of the dspB::uidA fusion was twofold higher in a HrpL+ background than in a HrpL- background. Transposon insertions in either dspA or dspB led to a non-pathogenic phenotype. Thus, both DspA and DspB were required for E. amylovora pathogenicity, as dspB could be expressed independently of dspA. DspA and DspB were visualized as polypeptides with apparent sizes of 190 kDa and 15.5 kDa, resp., when encoded in the T7 polymerase/promoter system. DspA, which showed homol. with the protein predicted from the partial sequence of Pseudomonas syringae pv. tomato avrE transcriptional unit III, was shown to be secreted into the external medium via the Hrp secretion pathway. DspB was predicted to be acidic, like the Syc chaperone of Yersinia. A chaperone role for DspB was suggested further by the fact that DspA secretion required a functional DspB protein.

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